

DRILL STEM TEST REPORT

Prepared For: **R & B Oil & Gas**

904 N Logan
Attica KS 67009

ATTN: Tim Pierce

31 32 10W Barber KS

Hunter-Gramley B #1

Start Date: 2007.04.22 @ 11:51:08

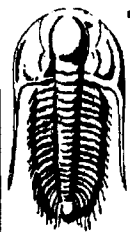
End Date: 2007.04.22 @ 19:26:23

Job Ticket #: 27906 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

R & B Oil & Gas

904 N Logan
Attica KS 67009

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Test Start: 2007.04.22 @ 11:51:08

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:09:53

Time Test Ended: 19:26:23

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 24

Interval: **4540.00 ft (KB) To 4553.00 ft (KB) (TVD)**

Total Depth: 4553.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1534.00 ft (KB)

1527.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6752

Inside

Press@RunDepth: 89.91 psig @ 4541.00 ft (KB)

Start Date: 2007.04.22

End Date:

2007.04.22

Capacity: 7000.00 psig

Last Calib.: 2007.04.22

Start Time: 11:51:13

End Time:

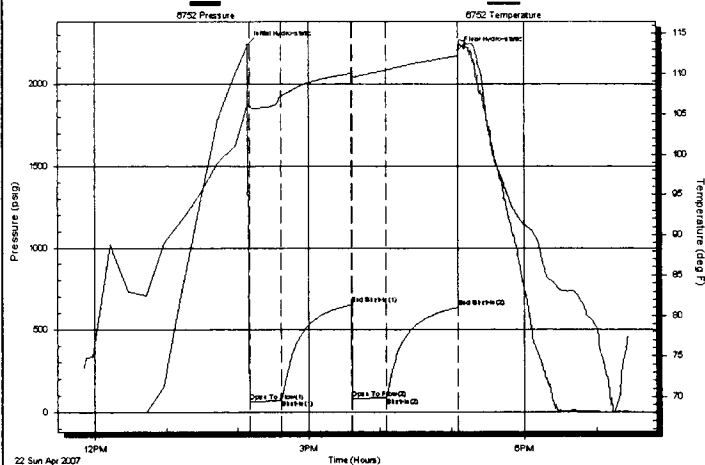
19:26:22

Time On Btm: 2007.04.22 @ 14:08:23

Time Off Btm: 2007.04.22 @ 17:05:37

TEST COMMENT: IF Strong Blow BOB in 4 minutes
ISI Bled Off No Blow back
FF Strong Blow BOB in 7 minutes
FSI Bled Off No Blow back

Pressure vs Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2240.82	106.44	Initial Hydro-static
2	63.44	106.14	Open To Flow (1)
29	75.67	107.23	Shut-In (1)
88	652.70	110.01	End Shut-In (1)
89	82.60	109.80	Open To Flow (2)
118	89.91	110.40	Shut-In (2)
177	636.52	112.17	End Shut-In (2)
178	2204.85	112.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	VSOSMCW 1%O 24%M 75%W	0.84
90.00	VSOSM -1%O +99%M	1.26

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TOOL DIAGRAM

R & B Oil & Gas

Hunter-Gramley B #1

904 N Logan
Attica KS 67009

31 32 10W Barber KS

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ATTN: Tim Pierce

Test Start: 2007.04.22 @ 11:51:08

Tool Information

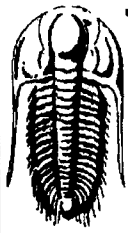
Drill Pipe:	Length: 4531.00 ft	Diameter: 3.80 inches	Volume: 63.56 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 3.25 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
		Total Volume:	63.56 bbl	Tool Chased	ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	4540.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	13.00 ft				
Tool Length:	34.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Circulating sub	1.00			4520.00	
Change Over Sub	1.00			4521.00	
Shut In Tool	5.00			4526.00	
Hydraulic tool	5.00			4531.00	
Packer	5.00			4536.00	21.00 Bottom Of Top Packer
Packer	4.00			4540.00	
Stubb	1.00			4541.00	
Recorder	0.00	6752	Inside	4541.00	
Perforations	9.00			4550.00	
Recorder	0.00	6704	Outside	4550.00	
Bullnose	3.00			4553.00	13.00 Bottom Packers & Anchor

Total Tool Length: 34.00



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FLUID SUMMARY

R & B Oil & Gas

Hunter-Gramley B #1

904 N Logan
Attica KS 67009

31 32 10W Barber KS

Job Ticket: 27906

DST#: 1

ATTN: Tim Pierce

Test Start: 2007.04.22 @ 11:51:08

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	VSOSMCW 1%O 24%M 75%W	0.842
90.00	VSOSM -1%O +99%M	1.262

Total Length: 150.00 ft

Total Volume: 2.104 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

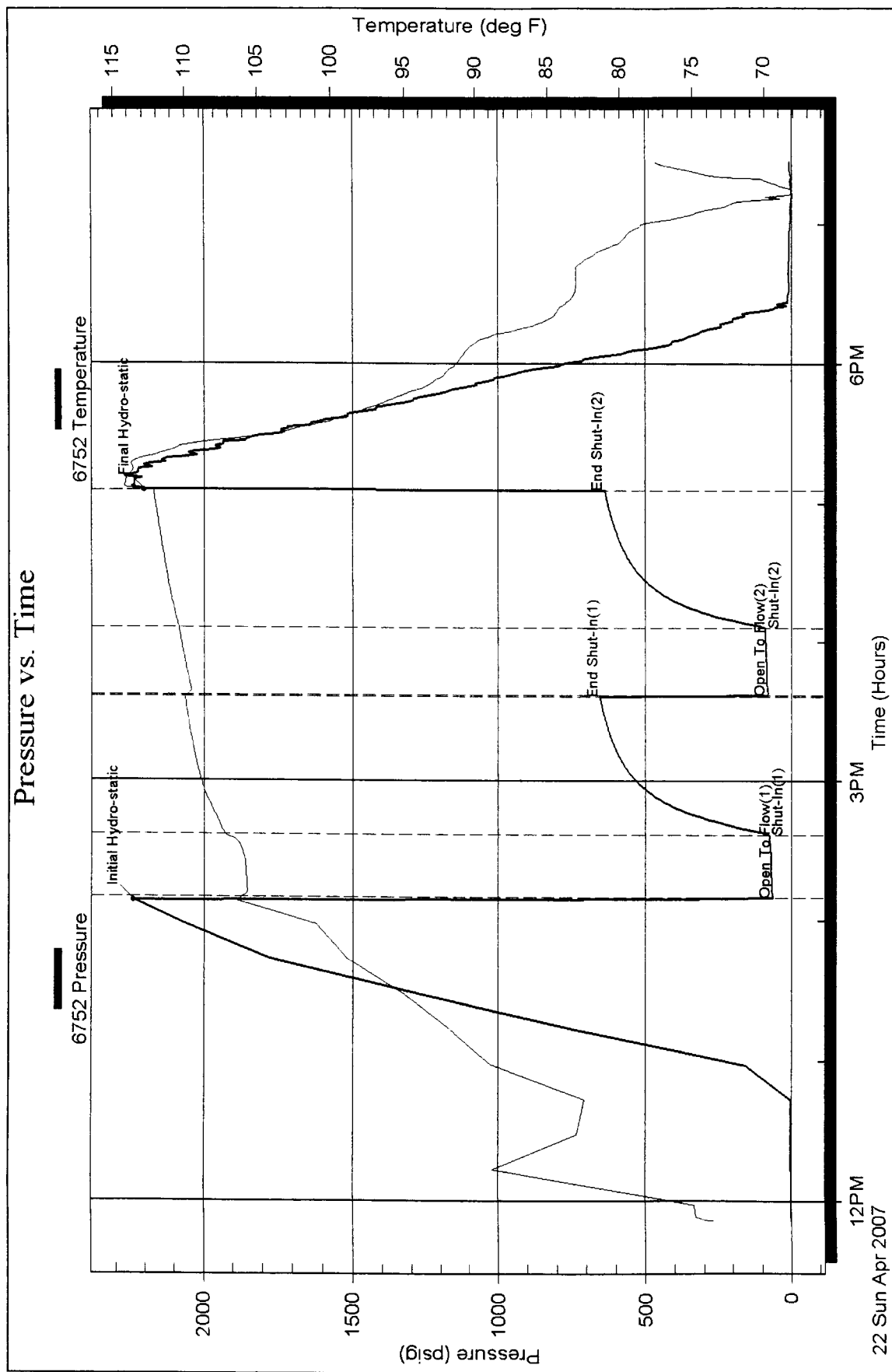
Serial #:

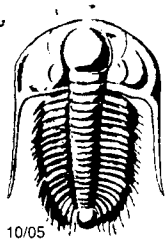
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27906

10077

Test Ticket

Well Name & No. Hunter - Gramley B#1 Test No. 1 Date 4/22/07
 Company R+B Oil & Gas Zone Tested Mississippi
 Address 904 N. Logan Attraction, KS 67009 Elevation 1534 KB 1527 GL
 Co. Rep / Geo. Tim Pierce Rig Duke Rig #2
 Location: Sec. 31 Twp. 32S Rge. 10W Co. Barber State KS
 Comment: _____ Release date / time: _____

Interval Tested 4540 — 4553 Initial Str Wt./Lbs. 60,000 Unseated Str Wt./Lbs. 60,000
 Anchor Length 13 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 4536 Tool Weight 2100
 Bottom Packer Depth 4540 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4553 Wt. Pipe Run 0 Drill Collar Run 0
 Mud Wt. 9.4 LCM 2 Vis. 46 WL 11.2 Drill Pipe Size 4 1/2 Ft. Run 4531

Blow Description IF: Strong Blow, BOB in 4 minutes

ISL: Bled off, No Blowback

FF: Strong Blow, BOB in 7 minutes

FSI: Bled off, No Blowback

Recovery - Total Feet 150 GIP 0 Ft. in DC 4550 Ft. in DP 150
 Rec. 96 Feet of VSOSM %gas -1 %oil 0 %water 49 %mud 50
 Rec. 60 Feet of VSOSMCW %gas 1 %oil 25 %water 24 %mud 50
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud

BHT 112 °F Gravity N/C API D @ N/C °F Corrected Gravity N/C API
 RW N/C @ N/C °F Chlorides N/C ppm Recovery N/C Chlorides 5000 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	2241	PSI	Recorder No.	6752	Test	✓	1200
(B) First Initial Flow Pressure			64	PSI	(depth)	4541	Jars		
(C) First Final Flow Pressure			76	PSI	Recorder No.	6704	Safety Jt.		
(D) Initial Shut-In Pressure			653	PSI	(depth)	4550	Circ Sub		
(E) Second Initial Flow Pressure			83	PSI	Recorder No.		Sampler		
(F) Second Final Flow Pressure			90	PSI	(depth)		Straddle		
(G) Final Shut-In Pressure			636	PSI	Initial Opening	30	Ext. Packer		
(Q) Final Hydrostatic Mud			2260	PSI	Initial Shut-In	60	Shale Packer		

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Approved By Tim Pierce

Our Representative [Signature]

T-On Location 11:15
 T-Started 11:51
 T-Open 14:09
 T-Pulled 17:05
 T-Out 19:26
 Final Flow 30
 Final Shut-In 60
 Mileage 90 112.5
 Sub Total: 1312.50
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: _____

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

Ticket # 27906

#6204

